

## Abstract

- 5 The invention refers to methods for power saving in a mobile terminal comprising a NIC, wireless Network Interface Card, used in a wireless LAN, WLAN or the like having at least one access point AP, said card either externally plugged in or built in or integrated in the PC, wherein the WLAN uses HIPERLAN Type 2 or IEEE 802.11 power save procedures and in which the mobile terminal uses an operating system supporting device power states, e.g. the OnNow device power states (DO-
- 10 D3), in which method the mobile terminal requests a transition from an active state D0 to a less active state, upon which request the NIC requests the access point AP to be entered into WLAN sleep state, and on acknowledgement from the access point the mobile terminal enters WLAN sleep state.
- 15 The methods also concerns the behaviour of the NIC and the mobile terminal on inactivity and /or closing of the lid of a laptop being used in the above environment.